

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,345,670 B2  
APPLICATION NO. : 09/893292  
DATED : March 18, 2008  
INVENTOR(S) : Armstrong

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 1st column, 2nd entry, delete "Duffie" and insert --Duffie--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 1st column, 4th entry, delete "Duffie" and insert --Duffie--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 1st column, 40th entry, after Tsuji insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 1st column, 57th entry, after Anderson insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 2nd column, 33rd entry, after Bromley insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 2nd column, 46th entry, after Straayer insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 2nd column, 56th entry, delete "Andersen" and insert --Andresen--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 2, 2nd column, 72nd entry, after Shimada insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 1st column, 2nd entry, delete "345/161" and insert --341/20--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 1st column, 4th entry, delete "Brodsky" and insert --Brodsky--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 1st column, 40th entry, after Larkins insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 1st column, 41st entry, delete "D'Alco" and insert --D'Aleo--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 1st column, 44th entry, after Inoue insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 1st column, 46th entry, delete "345/161" and insert --340/709--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 1st column, 47th entry, after Mailey insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 2nd column, 8th entry, after Pine insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 2nd column, 21st entry, after Brown insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 2nd column, 36th entry, after O'Mara insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 3, 2nd column, 67th entry, after Victor insert --*et al.*--.

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Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 1st entry, after Thorne insert --,III *et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 6th entry, after Barker insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 22nd entry, after Rutledge insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 27th entry, after Capps insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 39th entry, after Yoshikawa insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 51st entry, after Ho insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 52nd entry, after Gillespie insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 53rd entry, delete "346/161" and insert --345/161--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 54th entry, after King insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 65th entry, after Martinelli insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 1st column, 66th entry, after Whalen insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 2nd column, 11th entry, after MacNaughton insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 2nd column, 21st entry, after Bertram insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 2nd column, 39th entry, after Tran insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, U.S. PATENT DOCUMENTS, Page 4, 2nd column, 42nd entry, after Ito insert --*et al.*--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 5, 2nd column, 15th entry, delete "8/1998" and insert --3/1998--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 5, 2nd column, 28th entry, delete "8/1984" and insert --4/1924--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 5, 2nd column, 70th entry, delete "10/1990" and insert --2/1990--.

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Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 15th entry, delete "8/1998" and insert --3/1998--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 9th entry, delete "12/1992" and insert --3/1992--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 10th entry, delete "3/1993" and insert --1/1993--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 16th entry, delete "10/1993" and insert --12/1993--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 20th entry, delete "6058419" and insert --H6-58419--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 23rd entry, delete "8/1994" and insert --3/1994--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 26th entry, delete "12/1994" and insert --4/1994--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 45th entry, delete "4/1999" and insert --1/1999--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 46th entry, delete "9/1999" and insert --9/1998--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 63rd entry, delete "12/1991" and insert --6/1993--.

On the Title Page, Section (56) **References Cited**, FOREIGN PATENT DOCUMENTS, Page 6, 1st column, 72nd entry, delete "12/1996" and insert --9/1993--.

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 6, 14th entry, delete "Flightstck" and insert --Flightstick--.

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 6, 21st entry, delete "Assocaition" and insert --Association--.

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 1st column, 4th entry, delete "Holand" and insert --Holland--.

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 1st column, 5th entry, delete "Cumputer" and insert --Computer--.

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 1st column, 7th entry, delete "215-233" and insert --215-223--.

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 1st column, 7th entry, delete "'88," and insert --'85,--.

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 1st column, 11th entry, delete the second occurrence of "3D Input for a".

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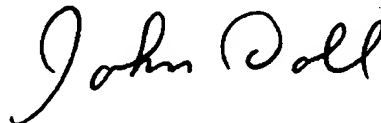
Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 9th entry, delete "Instruments" and insert --Instructions--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 13th entry, delete "Vectrex" and insert --Vertex--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 14th entry, delete "VEctrex" and insert --Vertex--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 15th entry, delete "Vetrex" and insert --Vertex--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 16th entry, delete "Vectrex" and insert --Vertex--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 16th entry, delete "NAA0014526" and insert --NAA00014526--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 17th entry, delete "Vectrex" and insert --Vertex--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 18th entry, delete "Vectrex" and insert --Vertex--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 19th entry, delete "Vectrex" and insert --Vertex--.  
On the Title Page, Section (56) **References Cited**, OTHER PUBLICATIONS, Page 7, 2nd column, 20th entry, delete "NAA0001531" and insert --NAA00001531--.

Signed and Sealed this

Twenty-sixth Day of May, 2009



JOHN DOLL  
*Acting Director of the United States Patent and Trademark Office*